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**Dialog eLink:** [Order File History](#)**Intervertebral prosthesis - has flat semi-elastic belt and pad of same material****Patent Assignee:** COTE SARL; CREMASCOLI FRANCE**Inventors:** BRONSARD J J**Patent Family (5 patents, 12 countries)**

| Patent Number | Kind | Date     | Application Number | Kind | Date     | Update | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| EP 322334     | A    | 19890628 | EP 1988480093      | A    | 19881208 | 198926 | B    |
| FR 2625097    | A    | 19890630 | FR 198718210       | A    | 19871223 | 198934 | E    |
| EP 322334     | B    | 19920226 | EP 1988480093      | A    | 19881208 | 199209 | E    |
| DE 3868611    | G    | 19920402 |                    |      |          | 199215 | E    |
| ES 2030892    | T3   | 19921116 | EP 1988480093      | A    | 19881208 | 199250 | E    |

**Priority Application Number (Number Kind Date):** FR 198718210 A 19871223**Patent Details**

| Patent Number                        | Kind                                   | Language | Pages | Drawings | Filing Notes                  |
|--------------------------------------|--|----------|-------|----------|-------------------------------|
| EP 322334                            | A                                      | FR       | 7     |          |                               |
| Regional Designated States, Original | AT BE CH DE ES FR GB GR IT LI LU NL SE |          |       |          |                               |
| EP 322334                            | B                                      | EN       |       |          |                               |
| Regional Designated States, Original | AT BE CH DE ES FR GB GR IT LI LU NL SE |          |       |          |                               |
| ES 2030892                           | T3                                     | ES       |       |          | Application EP 1988480093     |
|                                      |  |          |       |          | Based on OPI patent EP 322334 |

**Alerting Abstract:** EP A

An intervertebral prosthesis has a flat semielastic belt and one or more pads of the same material.

The pads are pref. woven hollow cylinders about 10mm thick. The belt pref. has an eyelet at one end through which the other end can be threaded. The belt and pads are pref. of Dacron (RTM: polyester). The prosthesis pref. includes a thread opaque to X-rays allowing it to be located by radiology.

USE/ADVANTAGE - For treating lordosis. Two vertebrae can be partially locked together.

**International Classification (Additional/Secondary):** A61F-005/02

**International Patent Classification**

| IPC          | Level | Value | Position | Status | Version  |
|--------------|-------|-------|----------|--------|----------|
| A61B-0017/70 | A     | I     |          | R      | 20060101 |
| A61B-0017/82 | A     | N     |          | R      | 20060101 |
| A61B-0017/84 | A     | I     |          | R      | 20060101 |
| A61B-0019/00 | A     | N     |          | R      | 20060101 |
| A61F-0002/00 | A     | N     |          | R      | 20060101 |
| A61F-0002/30 | A     | N     |          | R      | 20060101 |
| A61F-0002/44 | A     | N     |          | R      | 20060101 |
| A61B-0017/68 | C     | I     |          | R      | 20060101 |
| A61B-0017/70 | C     | I     |          | R      | 20060101 |
| A61B-0019/00 | C     | N     |          | R      | 20060101 |
| A61F-0002/00 | C     | N     |          | R      | 20060101 |
| A61F-0002/30 | C     | N     |          | R      | 20060101 |
| A61F-0002/44 | C     | N     |          | R      | 20060101 |

**Original Publication Data by Authority****Germany**

Publication Number: DE 3868611 G (Update 199215 E)

Publication Date: 19920402

Assignee: CREMASCOLI FRANCE (CREM-N)

Language: DE

Priority: FR 198718210 A 19871223

Original IPC: A61F-5/02

Current IPC: A61F-5/02

### European Patent Office

Publication Number: EP 322334 A (Update 198926 B)

Publication Date: 19890628

**\*\*Zwischen Wirbeldornfortsaetzen eingesetzte Prothese Prosthesis implanted between vertebral spinous processes Prothese inter-epineuse\*\***

Assignee: COTE S.A.R.L., 111 Rue Leonard Arnaud, F-06700 Saint Laurent du Var, FR (COTE-N) CREMASCOLI FRANCE (CREM-N)

Inventor: Bronsard, Jean-Jacques, 10 Impasse Wermert, 13007 Marseille, FR

Agent: Hautier, Jean-Louis, OFFICE MEDITERRANEEN DE BREVETS  
D'INVENTION 24 rue Massena, F-06000 Nice, FR

Language: FR (7 pages)

Application: EP 1988480093 A 19881208 (Local application)

Priority: FR 198718210 A 19871223

Designated States: (Regional Original) AT BE CH DE ES FR GB GR IT LI LU NL SE

Original IPC: A61F-2/44 A61F-5/02

Current IPC: A61B-17/68(R,I,M,EP,20060101,20051008,C) A61B-17/70

(R,I,M,EP,20060101,20051008,A) A61B-17/70(R,I,M,EP,20060101,20051008,C)

A61B-17/82(R,N,M,EP,20060101,20051008,A) A61B-17/84

(R,I,M,EP,20060101,20051008,A) A61B-19/00(R,N,M,EP,20060101,20051008,A)

A61B-19/00(R,N,M,EP,20060101,20051008,C) A61F-2/00

(R,N,M,EP,20060101,20051008,A) A61F-2/00(R,N,M,EP,20060101,20051008,C)

A61F-2/30(R,N,M,EP,20060101,20051008,A) A61F-2/30

(R,N,M,EP,20060101,20051008,C) A61F-2/44(R,N,M,EP,20060101,20051008,A)

A61F-2/44(R,N,M,EP,20060101,20051008,C)

Current ECLA class: A61B-17/70P A61B-17/84B

Current ECLA ICO class: K61B-17:70R K61B-17:82 K61B-19:00R K61F-2:00W87

K61F-2:00Y3T K61F-2:30E K61F-2:44

Original Abstract: The invention relates to a prosthesis implanted between the vertebral spinous processes with locking suspension. It consists of a flat, semi-elastic braid (1) and one or more small pads (3, 4) made of the same material as the braid (1); the braid (1) is provided at one end with a lacing eyelet (2); the small pad (3 or 4) has the shape of a small hollow cylinder. The invention is used in particular for straightening the vertebrae in order to combat lordosis.

Claim: An intervertebral prosthesis has a flat semielastic belt and one or more pads of the same material. The pads are pref. woven hollow cylinders about 10mm thick. The belt pref. has an eyelet at one end through which the other end can be threaded. The belt and pads are pref. of Dacron (RTM: polyester). The prosthesis pref. includes a thread opaque to X-rays allowing it to be located by radiology. |EP 322334 B (Update 199209 E)

Publication Date: 19920226

**\*\*Zwischen Wirbeldornfortsaetzen eingesetzte Prothese Prosthesis implanted between vertebral spinous processes Prothese inter-epineuse\*\***

Assignee: CREMASCOLI FRANCE, 111 Rue Leonard Arnaud, F-06700 Saint Laurent du Var, FR

Inventor: Bronsard, Jean-Jacques, 10 Impasse Wermert, 13007 Marseille, FR

Agent: Hautier, Jean-Louis, OFFICE MEDITERRANEEN DE BREVETS D'INVENTION 24 rue Massena, F-06000 Nice, FR

Language: EN

Application: EP 1988480093 A 19881208 (Local application)

Priority: FR 198718210 A 19871223

Designated States: (Regional Original) AT BE CH DE ES FR GB GR IT LI LU NL SE

Original IPC: A61F-5/02

Current IPC: A61B-17/68(R,A,I,M,EP,20060101,20051008,C) A61B-17/70

(R,I,M,EP,20060101,20051008,A) A61B-17/70(R,I,M,EP,20060101,20051008,C)

A61B-17/82(R,N,M,EP,20060101,20051008,A) A61B-17/84

(R,I,M,EP,20060101,20051008,A) A61B-19/00(R,N,M,EP,20060101,20051008,A)

A61B-19/00(R,N,M,EP,20060101,20051008,C) A61F-2/00

(R,N,M,EP,20060101,20051008,A) A61F-2/00(R,N,M,EP,20060101,20051008,C)

A61F-2/30(R,N,M,EP,20060101,20051008,A) A61F-2/30

(R,N,M,EP,20060101,20051008,C) A61F-2/44(R,N,M,EP,20060101,20051008,A)

A61F-2/44(R,N,M,EP,20060101,20051008,C)

Current ECLA class: A61B-17/70P A61B-17/84B

Current ECLA ICO class: K61B-17:70R K61B-17:82 K61B-19:00R K61F-2:00W87

K61F-2:00Y3T K61F-2:30E K61F-2:44

Claim: \* 1. Zwischen Wirbeldornfortsaetzen eingesetzte Prothese zur Verriegelung und Aufhaengung, dadurch gekennzeichnet, dass sie aus einem halbelastischen Flachband (1) und einem oder mehreren Kissen (3, 4) aus dem gleichen Material wie das Band (1) besteht. \* 1. A prothesis implanted between vertebral spinous processes for blockage and suspension, characterized in that it consists of a half-elastic flat band (1) and of one or several pads (3, 4) of the same material as the band (1).

## Spain

Publication Number: ES 2030892 T3 (Update 199250 E)

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Assignee: CREMASCOLI FRANCE (CREM-N)

Language: ES

Application: EP 1988480093 A 19881208 (Application)

Priority: FR 198718210 A 19871223

Related Publication: EP 322334 A (Based on OPI patent)

Original IPC: A61F-5/02(A)

Current IPC: A61B-17/68(R,A,I,M,EP,20060101,20051008,C) A61B-17/70

(R,I,M,EP,20060101,20051008,A) A61B-17/70(R,I,M,EP,20060101,20051008,C)

A61B-17/82(R,N,M,EP,20060101,20051008,A) A61B-17/84

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A61B-19/00(R,N,M,EP,20060101,20051008,C) A61F-2/00

(R,N,M,EP,20060101,20051008,A) A61F-2/00(R,N,M,EP,20060101,20051008,C)

A61F-2/30(R,N,M,EP,20060101,20051008,A) A61F-2/30  
(R,N,M,EP,20060101,20051008,C) A61F-2/44(R,N,M,EP,20060101,20051008,A)  
A61F-2/44(R,N,M,EP,20060101,20051008,C)  
Current ECLA class: A61B-17/70P A61B-17/84B  
Current ECLA ICO class: K61B-17:70R K61B-17:82 K61B-19:00R K61F-2:00W87  
K61F-2:00Y3T K61F-2:30E K61F-2:44

**France**

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Language: FR  
Application: FR 198718210 A 19871223 (Local application)  
Current IPC: A61B-17/68(R,I,M,EP,20060101,20051008,C) A61B-17/70  
(R,I,M,EP,20060101,20051008,A) A61B-17/70(R,I,M,EP,20060101,20051008,C)  
A61B-17/82(R,N,M,EP,20060101,20051008,A) A61B-17/84  
(R,I,M,EP,20060101,20051008,A) A61B-19/00(R,N,M,EP,20060101,20051008,A)  
A61B-19/00(R,N,M,EP,20060101,20051008,C) A61F-2/00  
(R,N,M,EP,20060101,20051008,A) A61F-2/00(R,N,M,EP,20060101,20051008,C)  
A61F-2/30(R,N,M,EP,20060101,20051008,A) A61F-2/30  
(R,N,M,EP,20060101,20051008,C) A61F-2/44(R,N,M,EP,20060101,20051008,A)  
A61F-2/44(R,N,M,EP,20060101,20051008,C)  
Current ECLA class: A61B-17/70P A61B-17/84B  
Current ECLA ICO class: K61B-17:70R K61B-17:82 K61B-19:00R K61F-2:00W87  
K61F-2:00Y3T K61F-2:30E K61F-2:44

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